## CLAIM AMENDMENTS

- 1. (currently amended) A composition comprising the reaction product of:
- (a) an isobutylene-diene copolymer having an  $\overline{M}_n$  of about 1000 to about 150,000 and containing thereon an average of about 0.1 to 4 equivalents, per each 1000 units of  $\overline{M}_n$  of the polymer, of carboxylic acid functionality or reactive equivalent thereof, derived from at least one  $\alpha,\beta$ -unsaturated carboxylic compound; and
- (b) an amine component comprising at least one aromatic amine containing at least one N H group capable of condensing with said carboxylic acid functionality, selected from the group consisting of 4 phenylazoaniline, 4-aminodiphenylamine, 2-aminobenzimidazole, 3-nitroaniline, 4-(4-nitrophenylazo)aniline, N-(4-amino-5-methoxy-2 methyl phenyl) benzamide, N-(4-amino-2,5-diethoxy phenyl) benzamide, N-(4-amino-phenyl) benzamide, 4-amino-2-hydroxy benzoic acid phenyl ester, and N, N-dimethylphenylenediamine.
- 2. (original) The composition of claim 1 wherein the diene is selected from the group consisting of isoprene, piperylene, 1,3-butadiene, and limonene.
  - 3. (original) The composition of claim 1 wherein the diene comprises isoprene.
- 4. (original) The composition of claim 1 wherein (a) the copolymer containing carboxylic acid functionality is prepared by reacting (i) an isobutylene-diene copolymer having on average about 1 to about 150 moles of reactive carbon-carbon double bonds per mole of copolymer and about 0.1 to about 2 moles of said double bonds per 1000 units of  $\overline{M}_n$  of the copolymer, with (ii) an  $\alpha,\beta$ -unsaturated carboxylic compound.
- 5. (original) The composition of claim 1 wherein the  $\alpha,\beta$ -unsaturated carboxylic compound comprises an acrylic compound, a methacrylic compound, a maleic compound, a fumaric compound, or an itaconic compound.
- 6. (original) The composition of claim 1 wherein the  $\alpha$ , $\beta$ -unsaturated carboxylic compound comprises maleic anhydride.
- 7. (original) The composition of claim 1 wherein the amine component further comprises an amine having at least two N-H groups capable of condensing with said carboxylic acid functionality.
- 8. (original) The composition of claim 7 wherein the amine having at least two N-H groups comprises ethylenediamine, 2,4-diaminotoluene, or phenylenediamine.
- 9. (original) A lubricant composition comprising a major amount of an oil of lubricating viscosity and a minor amount of the composition of claim 1.

- 10. (original) The lubricant composition of claim 9 further comprising at least one additive selected from the group consisting of detergents, dispersants, viscosity modifiers, pour point depressants, friction modifiers, antioxidants, and antiwear agents.
- 11. (original) The lubricant composition prepared by admixing the components of claim 10.
- 12. (original) The lubricant composition of claim 9 further comprising a polyisobutene succinimide dispersant having a N:CO ratio of greater than about 1.
- 13. (original) The lubricant composition of claim 9 further comprising a hydrogenated copolymer of a vinylaromatic monomer with a conjugated polyene
- 14. (original) A process for lubricating an internal combustion engine, comprising supplying thereto the lubricant of claim 9.
- 15. (original) A process for improving the viscosity index of a lubricating oil composition comprising incorporating into said composition a minor, viscosity-improving amount, of the composition of claim 1.
- 16. (original) A process for reducing soot-induced viscosity increase in a lubricating oil composition comprising incorporating into said composition a minor, viscosity-improving amount, of the composition of claim 1.
- 17. (original) A concentrate comprising the composition of claim 1 and a concentrate-forming amount of an oil of lubricating viscosity.
- 18. (currently amended) A process for preparing a carboxylic derivative composition, comprising:

## (a) reacting

- (i) an isobutylene-diene copolymer having an  $\overline{M}_n$  of about 1000 to about 150,000 and having on average about 0.1 to about 2 units of reactive carbon-carbon double bonds per each 1000 units of  $\overline{M}_n$  of the polymer, with
- (ii) an  $\alpha,\beta$ -unsaturated carboxylic compound having carboxylic acid functionality or reactive equivalent thereof; and
- (b) reacting the product of (a) with an amine component comprising at least one aromatic amine containing at least one N-H group capable of condensing with said carboxylic acid functionality, selected from the group consisting of 4-phenylazoaniline, 4-aminodiphenylamine, 2-aminobenzimidazole, 3-nitroaniline, 4-(4-nitrophenylazo)aniline, N-(4-amino-5-methoxy-2-methyl-phenyl) benzamide, N-(4-amino-2,5-diethoxy-phenyl) benzamide, N-(4-amino-2,5-diethoxy-phenyl) benzamide, N-(4-amino-phenyl) benzamide, 4-amino-2-hydroxy-benzoic acid phenyl ester, and N, N-dimethylphenylenediamine.

- 19. (original) The process of claim 18 wherein the  $\alpha$ , $\beta$ -carboxylic compound is reacted with the isobutylene-diene polymer via a thermal reaction in the substantial absence of added chlorine.
- 20. (original) The process of claim 18 wherein the  $\alpha,\beta$ -carboxylic compound is reacted with the isobutylene-diene polymer via a radical reaction.
- 21. (original) The process of claim 18 wherein the amine component of (b) further comprises an amine having at least two N-H groups capable of condensing with said carboxylic acid functionality.
- 22. (new) The composition of claim 1 wherein the isobutylene-diene copolymer has an  $\overline{M}_n$  of 3000 to about 150,000
  - 23. (new) A composition comprising the reaction product of:
- (a) an isobutylene-diene copolymer having an  $\overline{M}_n$  of about 1000 to about 150,000 and containing thereon an average of about 0.1 to 4 equivalents, per each 1000 units of  $\overline{M}_n$  of the polymer, of carboxylic acid functionality or reactive equivalent thereof, derived from at least one  $\alpha,\beta$ -unsaturated carboxylic compound; and
  - (b) an amine component comprising 3-nitroaniline.